



Quickie

by Arya Akhavan (August 2013)

Angles for R.I. = 1.580

25 + 8 girdles = 33 facets

4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.502$ $U/W = 0.502$

$P/W = 0.466$ $C/W = 0.203$

$Vol./W^3 = 0.257$

PAVILION

P1 43.00° 96-24-48-72 Cut to centerpoint.

P2 42.14° 01-23-25-47-
49-71-73-95 Meet at culet.

G1 90.00° 96-24-48-72 Set stone size.

G2 90.00° 12-36-60-84 Meet P1, P2, G1

P3 65.00° 12-36-60-84 Level girdle.

CROWN

C1 39.23° 96-24-48-72 Set girdle width.

C2 30.00° 12-36-60-84 Level girdle.

T 0.00° Table Meet C1, C2

I was experimenting with simple checker crowns, and decided that I wanted to figure out the simplest square checkered crown with a square table. It reminds me vaguely of an old design, but I can't really remember what. Works in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but I prefer it in synthetic emerald. Suggested size = 5-10 mm

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